

SEQUENCE LISTING

<110> Glassman, Kimberly F.  
Gordon-Kamm, William J.  
Kinney, Anthony  
Lowe, Keith S.  
Nichols, Scott E.  
Stecca, Kevin L.

<120> RECOMBINANT CONSTRUCTS AND THEIR USE IN REDUCING GENE EXPRESSION

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<141>

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<170> Microsoft Office 97

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: ELVISLIVES PCR primer

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<210> 2  
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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1

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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1

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<212> DNA  
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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1

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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1

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<212> DNA  
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<223> Description of Artificial Sequence: pKS102 linker

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<210> 7  
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<223> Description of Artificial Sequence: PCR primer for amplification of Cer3

<400> 7  
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<210> 8  
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<223> Description of Artificial Sequence: PCR primer for amplification of Cer3

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<210> 9  
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<223> Description of Artificial Sequence: PCR primer for amplification of Cer3

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<210> 10  
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<212> DNA  
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<223> Description of Artificial Sequence: PCR primer for amplification of Cer3

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<210> 11  
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<223> Description of Artificial Sequence: ELVISLIVES complementary region of pKS106 and pKS124

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<210> 12  
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<223> Description of Artificial Sequence: ELVISLIVES complementary region of pKS106 and pKS124

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<223> Description of Artificial Sequence: ELVISLIVES complementary region of pKS133

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<223> Description of Artificial Sequence: ELVISLIVES PCR primer

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<210> 17  
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<220>  
<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1, 5'-end

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<210> 19  
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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1, 3'-end of 25 nucleotide fragment

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<210> 20  
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<220>  
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<210> 21  
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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Fad2-1, 3'-end of 150 nucleotide fragment

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<210> 22  
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 <223> Description of Artificial Sequence: PCR primer for amplification  
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<400> 22  
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<210> 23  
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 <223> Description of Artificial Sequence: PCR primer for amplification  
 of soybean Fad2-1, 3'-end 600 nucleotide fragment

<400> 23  
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<210> 24  
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 <223> Description of Artificial Sequence: ELVISLIVES complementary  
 region of pBS68

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<223> Description of Artificial Sequence: PCR primer for amplification of soybean Lea promoter 5'-end

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<210> 26  
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<220>  
<223> Description of Artificial Sequence: PCR primer for amplification of soybean Lea promoter 3'-end

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<210> 27  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: PCR primer for amplification of phaseolin terminator 5'-end

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<210> 28  
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<220>  
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<210> 29  
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<223> Description of Artificial Sequence: ELVISLIVES complementary region of pKS149

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Arg Lys Val Lys Ser Met Tyr Pro Leu Val Val Ala Val Leu Pro Asp  
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Val Pro Gln Asp His Arg Asn Ile Leu Thr Ser Gln Gly Cys Ile Val  
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Arg Glu Ile Glu Pro Val Tyr Pro Pro Glu Asn Gln Thr Gln Phe Ala  
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Met Ala Tyr Tyr Val Ile Asn Tyr Ser Lys Leu Arg Ile Trp Glu Phe  
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Val Glu Tyr Ser Lys Met Ile Tyr Leu Asp Gly Asp Ile Gln Val Phe  
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Asp Asn Ile Asp His Leu Phe Asp Leu Pro Asp Asn Tyr Phe Tyr Ala  
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Val Met Asp Cys Phe Cys Glu Pro Thr Trp Gly His Thr Lys Gln Tyr  
 145 150 155 160

Gln Ile Gly Tyr Cys Gln Gln Cys Pro His Lys Val Gln Trp Pro Thr  
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His Phe Gly Pro Lys Pro Pro Leu Tyr Phe Asn Ala Gly Met Phe Val  
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Tyr Glu Pro Asn Leu Ala Thr Tyr Arg Asp Leu Leu Gln Thr Val Gln  
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Val Thr Gln Pro Thr Ser Phe Ala Glu Gln Asp Phe Leu Asn Met Tyr  
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Phe Lys Asp Lys Tyr Arg Pro Ile Pro Asn Val Tyr Asn Leu Val Leu  
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Ala Met Leu Trp Arg His Pro Glu Asn Val Glu Leu Asp Lys Val Lys  
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Val Val His Tyr Cys Ala Ala Gly Ser Lys Pro Trp Arg Tyr Thr Gly  
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Lys Glu Glu Asn Met Glu Arg Glu Asp Ile Lys Met Leu Val Lys Lys  
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Trp Trp Asp Ile Tyr Glu Asp Glu Thr Leu Asp Tyr Asn Asn Pro Leu  
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gtgacgaaga aggaagagct tagacggca attcagagaa tgggtggacac ccctggccccc 1860  
taccttcttg atgtcattgtt gccccatca gggcatgtgt tgccgatgtat tccctggat 1920  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: PCR primer for amplification  
of soybean Fad2-1, 3'-end 50 nucleotide fragment

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 130 135 140  
 Lys Lys Thr Ile Tyr Leu Asp Gly Asp Ile Gln Val Phe Gly Asn Ile  
 145 150 155 160  
 Asp His Leu Phe Asp Leu Pro Asp Asn Tyr Phe Tyr Ala Val Met Asp  
 165 170 175  
 Cys Phe Cys Glu Lys Thr Trp Ser His Thr Pro Gln Phe Gln Ile Gly  
 180 185 190  
 Tyr Cys Gln Gln Cys Pro Asp Lys Val Gln Trp Pro Ser His Phe Gly  
 195 200 205  
 Ser Lys Pro Pro Leu Tyr Phe Asn Ala Gly Met Phe Val Tyr Glu Pro  
 210 215 220  
 Asn Leu Asp Thr Tyr Arg Asp Leu Leu Gln Thr Val Gln Leu Thr Lys  
 225 230 235 240  
 Pro Thr Ser Phe Ala Glu Gln Asp Phe Leu Asn Met Tyr Phe Lys Asp  
 245 250 255  
 Lys Tyr Lys Pro Ile Pro Asn Met Tyr Asn Leu Val Leu Ala Met Leu  
 260 265 270  
 Trp Arg His Pro Glu Asn Val Glu Leu Asp Lys Val Gln Val Val His  
 275 280 285  
 Tyr Cys Ala Ala Gly Ser Lys Pro Trp Arg Phe Thr Gly Lys Glu Glu  
 290 295 300  
 Asn Met Asp Arg Glu Asp Ile Lys Met Leu Val Lys Lys Trp Trp Asp  
 305 310 315 320  
 Ile Tyr Glu Asp Glu Thr Leu Asp Tyr Asn Asn Asn Ser Val Asn Val  
 325 330 335  
 Glu Arg Phe Thr Ser Ala Leu Leu Asp Ala Gly Gly Phe Gln Phe Val  
 340 345 350  
 Pro Ala Pro Ser Ala Ala  
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<210> 34  
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 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: SHH3 complementary  
 region of PHP17939

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 gtaagaaaat catgtgcattt gtgtcgccac tcactattgc agcttttca tgcattggtc 120  
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<400> 36

gaattcgcgg ccgcatcacc cacacaccag tg

32

13